

INTERNATIONAL SEARCH REPORT

national Application No
PCT/EP2004/008581

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04L12/56 G06F13/38 H04L29/06 H04M11/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L G06F H04M H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/145119 A1 (BENDER PAUL E ET AL) 31 July 2003 (2003-07-31) figures 3A,3B,4 paragraphs '0005!, '0006!, '0009!, '0012! - '0014!, '0027!	1-3,5-7
Y		4,8-20
Y	XYLOMENOS ET AL.: "LINK LAYER SUPPORT FOR QUALITY OF SERVICE ON WIRELESS INTERNET LINKS" IEEE PERSONAL COMMUNICATIONS, IEEE COMMUNICATIONS SOCIETY, US, vol. 6, no. 5, October 1999 (1999-10), pages 52-60, XP000853485 ISSN: 1070-9916 page 58, right-hand column figures 10,11 page 57	4,8-20
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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- *&* document member of the same patent family

Date of the actual completion of the international search

3 November 2004

Date of mailing of the international search report

06/12/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PANIAN J ET AL: "The IP Modem Interface Standard" IP MODEM INTERFACE STANDARD DRAFT, XX, XX, 6 May 1998 (1998-05-06), pages 1-26, XP002120914 paragraph '07.2! -----	7
A	LEMME H: "INFRAROT-DATEN-UBERTRAGUNG WIRD SCHNELLER. IRDA-SCHNITTSTELLE JETZT MIT BIS ZU 4 MBIT/S" ELEKTRONIK, FRANZIS VERLAG GMBH. MUNCHEN, DE, vol. 45, no. 3, 6 February 1996 (1996-02-06), pages 38-40,42,44, XP000553701 ISSN: 0013-5658 page 42, left-hand column, lines 1-5 -----	4
A	EP 1 168 730 A (NOKIA INC) 2 January 2002 (2002-01-02) figures 1-3,7 -----	1-20
A	BLAKE ET AL: "RFC 2475 - An Architecture for differentiated services" IETF, 'Online! 31 December 1998 (1998-12-31), XP002267765 INET Retrieved from the Internet: URL:ftp://ftp.isi.edu/in-notes/rfc2475.txt > 'retrieved on 2004-01-22! paragraph '2.3.3! - paragraph '2.3.3.4! -----	1-20
A	TRAVIS B: "EASE FILE TRANSFERS WITH IRDA-PROTOCOL WIRELESS INFRARED" EDN ELECTRICAL DESIGN NEWS, CAHNERS PUBLISHING CO. NEWTON, MASSACHUSETTS, US, vol. 40, no. 7, 30 March 1995 (1995-03-30), pages 59-64,66,68, XP000524757 ISSN: 0012-7515 page 63 -----	1-20

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PCT/EP2004/008581

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2003145119	A1	31-07-2003	US 6535918 B1	18-03-2003
			AU 6047399 A	10-04-2000
			CN 1115825 B	23-07-2003
			EP 1116359 A2	18-07-2001
			HK 1038455 A1	07-05-2004
			JP 2002525973 T	13-08-2002
			WO 0018066 A2	30-03-2000
EP 1168730	A	02-01-2002	US 6738361 B1	18-05-2004
			EP 1168730 A2	02-01-2002

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